

## CLAIMS

1. (Amended) A wireless communication system, comprising:

a first wireless communication unit including first wireless communication means that performs wireless data communication, first wired communication means that performs, before establishing a wireless link for performing said wireless data communication, wired data communication for transmitting information which is necessary when establishing said wireless link using a wired connection, and first change-over means that changes over whether said wireless data communication should be performed using said first wireless communication means or said wired data communication should be performed using said first wired communication means; and

a second wireless communication unit including second wireless communication means that performs said wireless data communication with said first wireless communication means, second wired communication means that performs, with said first wired communication means, before establishing said wireless link, wired data communication for receiving said transmitted information using said wired connection, and second change-over means that changes over whether said wireless data communication should be performed using said second wireless communication means or said wired data communication should be

performed using said second wired communication means.

2. The wireless communication system according to claim 1, wherein said first wireless communication unit further